

SECRET

PRIORITY

OUT54121

HFS

CJS

1964 SEP 21 23 15Z

PNS

ACL

Grace (File)

P 212114Z  
FM NPIC WASHDC  
TO RUCSBR/SAC OFFUTT AFB OMAHA NEB  
RUCVAA/4080 STRAT WG OL 19 BARKSDALE AFB LA  
RUCVAA/2D RTS BARKSDALE AFB LA  
RUEAHQ/DIA WASHDC  
RUECYH/NAVRECONTECHSUPPCEN SUITLAND MD  
RUEPIA/CIA WASHDC  
RUWBKN/15TH AF MARCH AFB RIVERSIDE CALIF  
RUWGAA/2AF BARKSDALE AFB LA  
BT

SECRET CITE NPIC 2953.

15TH AF (FOR DI), SAC (FOR DIM/GOLDEN TREE/DOCR, DM 4) 2D AF (FOR DI).

1. CAMERA B 15 WAS USED IN MISSION 3947 FLOWN ON 18 SEPTEMBER  
1964: PROCESSING WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN.

2. ORIGINAL NEGATIVE:

A. THE EXPOSURE WAS OPTIMUM AND THE RESOLUTION WAS GOOD  
EXCEPT WHERE DEGRADED BY ATMOSPHERICS AND IMAGE SMEARING CAUSED BY  
VEHICLE ATTITUDE.

B. 9R SIDE: INTERMITTENT STATIC IS PRESENT ALONG THE OUTBOARD  
EDGE OF THE FILM IN PARTS 1 AND 2. NUMEROUS PINHOLES WERE NOTED IN  
THE FIRST HALF OF THE MISSION AND THEREAFTER PINHOLES OCCUR WITH  
DECREASING FREQUENCY. A WANDERING PLUS DENSITY STREAK IS PRESENT  
INTERMITTENTLY NEAR THE INBOARD EDGE THROUGHOUT THE MISSION.  
FOREIGN MATTER (LINT) WAS FOUND ON SEVERAL FRAMES IN THE MISSION.  
PART 8 IS REELED WITH THE TAIL END ON THE OUTSIDE. A CREASE  
EXISTS ALONG THE OUTBOARD MARGIN OF FRAMES 2190 AND 2195. FOGGING  
OCCURRED IN FRAMES 2218 AND 2219. HANDLING MARKS ARE PRESENT AROUND

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ALL HEAT SPLICES. A HEAT SPLICE EXISTS IN FRAME 1117. A MANUFACTURING SPLICE WITH ASSOCIATED STATIC, KINKS, AND PLUS DENSITY STREAKS IS IN FRAME 492.

C. 9L SIDE: THE MAJOR DETERENT TO THIS SIDE OF THE MISSION IS A PLUS DENSITY STREAK THAT APPEARS ALONG THE LONGITUDINAL AXIS OF THE MATERIAL. IT IS APPROXIMATELY 0.1" WIDE AND APPEARS RANDOMLY THROUGHOUT THE MISSION. IT APPEARS ALONG THE OUTBOARD EDGE OF THE FORMAT IN FRAMES 490 AND 491 AND REAPPEARS ALONG THE INBOARD EDGE IN FRAMES 532 AND 1064. IT IS DETECTABLE AGAIN IN FRAMES 1749 TO 2220. THE FIRST 33 FRAMES CONTAIN A PROFUSION OF PINHOLES. FRAME 1034 AND 1049 CONTAIN AN EMULSION LIFT. THERE IS A MANUFACTURING SPLICE IN FRAME 1047 AND A HEAT SPLICE IN FRAME 1075.

D. BOTH SIDES: SMEARING OF THE IMAGE DUE TO VEHICLE MOTION DURING EXPOSURE IS PREVALENT IN THIS MISSION. EXAMPLES THAT ARE TYPICAL MAY BE SEEN IN FRAMES 222, 474, 579, 2136, AND 2148. THERE ARE 2220 TITLED FRAMES IN THE MISSION.

E. THERE ARE NO MAJOR CAMERA OR PROCESSING MALFUNCTIONS IN THE MISSION.

3. POSITIVE:

A. PI SUITABILITY IS GOOD EXCEPT WHERE DEGRADED BY ATMOSPHERICS AND WHERE IMAGERY IS SMEARED DURING VEHICLE MANEUVERS.

B. THE PRINTING AND PROCESSING ARE GOOD.

C. CLOUDS OBSCURE APPROXIMATELY 40 PERCENT OF THE MISSION.

S E C R E T

/END OF MESSAGE/